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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/852,467	05/09/2001	Yevgeniy Eugene Shteyn	US018056	6034

7590 01/31/2005

c/o PHILIPS ELECTRONICS NORTH AMERICA CORPORATION  
Corporate Intellectual Property  
1000 West Maude Ave.  
Sunnyvale, CA 94085

EXAMINER

SORRELL, ERON J

ART UNIT

PAPER NUMBER

2182

DATE MAILED: 01/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**RECEIVED**

**FEB 14 2005**

**Technology Center 2100**

FFW

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/852,467	SHTEYN, YEVGENIY EUGENE
	Examiner Eron J Sorrell	Art Unit 2182

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is FINAL.                                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-17 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or.election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 09 May 2001 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \*    c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>4/24/03, 5/9/01</u> .	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3, 5, 7, 8-11, 13, 14, 16, and 17 are rejected under 35 U.S.C. 102(e) as being anticipated by Cunningham et al. (US 2002/0011923 hereinafter "Cunningham").

3. Referring to claims 1 and 7, Cunningham teaches a control system for enabling a controller to control an appliance on a control network, the system comprising:

a module (PLC/wireless bridge) for interfacing the appliance to the network (see paragraph 49), wherein the module obtains identity information from the appliance through coupling with the appliance for enabling the controller to selectively control the appliance through the module (see paragraph 128,

note the controller controls the initial programming of the wireless appliance).

4. Referring to claims 2 and 8, Cunningham teaches the appliance has an identifier element for being read by the module when coupled with the appliance for assuming the identity (see paragraph 49).

5. Referring to claims 3, 9, and 14 Cunningham teaches the identifier element couples in a contact-less manner with the module (see paragraph 49, note the identifier is wirelessly transmitted to the PLC/wireless bridge).

6. Referring to claims 5 and 11, Cunningham teaches the appliance is rendered controllable through a module identifier of the module and through the identity information from the appliance and assumed by the module (see paragraphs 119-121, note the controller cannot communicate with the wireless devices directly, but via the bridge).

7. Referring to claim 10, Cunningham teaches the module (PLC/wireless bridge) is for interfacing the appliance to a power line network (see paragraph 119).

8. Referring to claims 13 and 16, Cunningham teaches an appliance having a component for storing identity information for being read by a module when coupled to the appliance for enabling to selectively control the appliance through the module (see paragraph 49).

9. Referring to claim 17, Cunningham teaches a method of providing a service to an end-user of an appliance, the method comprising providing identity information of the appliance for being programmed into a module for interfacing the appliance to a control network (see paragraph 49).

***Claim Rejections - 35 USC § 103***

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Art Unit: 2182

11. Claims 4 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cunningham in view of Castleman (U.S. Patent No. 6,054,846).

12. Referring to claims 4 and 15, Cunningham teaches the control network comprises a power line network (see paragraph 38), the appliance has a connector for connecting to the power line network, and the module connects the appliance to the power line network (see paragraph 49, note the PLC/wireless bridge connects the appliance to the power line network).

Cunningham fails to teach the connector (power plug) accommodates the identifier element.

Castleman teaches, in an analogous system, the above limitation (see lines 27-40 of column 14).

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to modify the system and method of Cunningham with the above teachings of Castleman. One of ordinary skill in the art would have been motivated to make such modification in order to retain certain power parameters used for the device as suggested by Castleman (see abstract).

13. Claims 6 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cunningham in view of Redgate et al (U.S. 6,281,784 hereinafter "Redgate").

14. Referring to claims 6 and 12, Cunningham fails to teach the appliance is rendered controllable through information about a location of the module on the network.

Redgate teaches, in an analogous system, the above limitation (see lines 35-58 of column 15).

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to modify the system of Cunningham with the above teachings of Redgate. One of ordinary skill in the art would have been motivated to make such modification so the device can be programmed to only work at the specified location as suggested by Redgate (see lines 35-58 of column 15).

#### ***Conclusion***

15. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following references are cited to further show the state of the art as it pertains to device identification and control in power line networks:

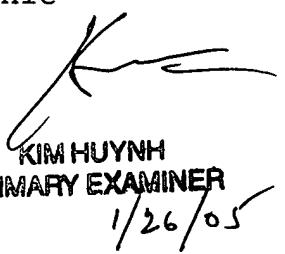
U.S. Patent No. 6,317,028 to Valiulis et al. teaches a system and method for electronic device identification and control;

U.S. Patent No. 5,051,720 to Kittirutsunetorn teaches a remote control system using the power line of the remote site.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eron J Sorrell whose telephone number is 571 272-4160. The examiner can normally be reached on Monday-Friday 9:00AM - 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A Gaffin can be reached on 571 272-4146. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
KIM HUYNH  
PRIMARY EXAMINER  
1/26/05



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	09/852,467
Filing Date	05/09/2001
First Named Inventor	SPEHAR, James R.
Art Unit	2181
Examiner Name	Unknown
Attorney Docket Number	US018056

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number No.-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear
ES		US- 6005476A	12/21/1999	VALIULIS, Carl	RECEIVED APR 30 2003 Technology Center 2100
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number (ctry <sup>2</sup> -no. <sup>4</sup> -kind <sup>5</sup> , if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear
ES		WO0065774A	11-02-2000	BERTSTIS, Viktors, et al.	

NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			

Examiner Signature	<i>Eric Donell</i>	Date Considered	1/21/05
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE				Atty. Docket No. US018056	Serial No.		
				Applicant Yevgeniy Eugene Shteyn			
				Filing Date Concurrently	Group		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)							
U.S. PATENT DOCUMENTS							
Ex. Int.		Document Number	Date	Name	Class	Sub- class	Filing Date If Approp.
	AA						
	AB						
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- class	Trans. Yes No
	AG						
	AH						
	AI						
	AJ						
	AK						
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)							
EB	AL		US.Ser.No.09/210,416 Title "Remote Control Device With Location Dependent Interface"				
EB	AM		US.Ser.No09/653,784 Title "STB Connects Remote To Web Site For Customized Code Downloads"				
EB	AN		US.Ser.No09/519,546 Title "Personalizing CE Equipment Configuration At Server Via Web-Enabled Device"				
Examiner <i>Evan Sonell</i>			Date Considered 1/24/05				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.							

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<b>U.S. PATENT DOCUMENTS</b>							
Ex. Int.		Document Number	Date	Name	Class	Sub- class	Filing Date If Approp.
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							Yes No
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	AK						
<b>OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
BS	AL	US.Ser.No.09/165,682 Title "Control Property IS Mapped Onto Modally Compatible Gui Element					
BS	AM	US.Ser.No.09/165,683 Title "Calls Identify Scenario For Control Of Software Objects Via Property Routes"					
BS	AN	US.Ser.No.09/133,622 Title " Home-Network Autoconfiguration"					
Examiner <i>Jon Sonell</i>			Date Considered 1/24/05				
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<b>U.S. PATENT DOCUMENTS</b>							
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		Document Number	Date	Country	Class	Sub- class	Trans.
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	AI						
	AJ						
	AK						
<b>OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<input checked="" type="checkbox"/>	AL	US.Ser.No09/635,549 Title "Topical Service Provides Context Information For A Home Network"					
	AM						
	AN						
Examiner <i>E. Donell</i>			Date Considered <i>1/24/05</i>				
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<b>Notice of References Cited</b>		Application/Control No.	Applicant(s)/Patent Under Reexamination	
		09/852,467	SHTEYN, YEVGENIY EUGENE	
Examiner		Art Unit	Page 1 of 1	
Eron J Sorrell		2182		

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-2002/0011923	01-2002	Cunningham et al.	340/310.01
	B	US-6,054,846	04-2000	Castleman, Neal J.	323/283
	C	US-6,281,784	08-2001	Redgate et al.	340/310.01
	D	US-6,317,028	11-2001	Valiulis, Carl	340/10.1
	E	US-5,051,720	09-1991	Kittirutsunetorn, Kitti	340/310.02
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
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**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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